

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--|------------------|---------|---------------------|
| S1 | 541 | "370/217".CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/07/26 07:38 |
| S2 | 1 | ((BAHA) near2 (TANJU)).INV. | US-PGPUB; USPAT | OR | OFF | 2007/09/10 09:41 |
| S4 | 352091 | (transmitter sender TX device) same (switch select \$3) near2 device | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 17:10 |
| S5 | 109 | S3 and S4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 17:15 |
| S6 | 30 | S5 and receiver | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/30 17:17 |
| S7 | 0 | S3 adj transmitters | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/30 17:18 |
| S8 | 4351 | two adj transmitters | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/30 17:18 |
| S9 | 1957 | S8 and switch | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/30 17:20 |
| S10 | 235 | S9 and "370".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/30 17:20 |
| S13 | 2 | ("6757777").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:32 |
| S14 | 2 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:15 |

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|-----|------|---|--|----|-----|---------------------|
| S15 | 777 | (master\$1 and slave) same redundancy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:35 |
| S16 | 0 | S15 and "3703clas." | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:34 |
| S17 | 704 | S15 and (first second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:39 |
| S19 | 6 | S15 and ((first second) adj (data adj stream)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:41 |
| S20 | 698 | S17 not S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 07:49 |
| S21 | 2 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/07/31 08:22 |
| S24 | 1 | ((BAHA) near2 (TANJU)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/31 08:26 |
| S25 | 17 | ("3524935" "3644896" "3879579" "4013956" "4076961" "4254307" "4291200" "4314164" "4367374" "4379294" "4532377" "4535199" "4542380" "4596021").PN. OR ("4812840").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/31 09:08 |
| S26 | 5 | ("4442502" "4484270" "5313386").PN. OR ("6757777").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/07/31 09:11 |
| S27 | 0 | ("2005/0232145").URPN. | USPAT | OR | OFF | 2007/07/31 09:17 |
| S28 | 75 | (first and second) near1 (master adj device) | USPAT | OR | OFF | 2007/07/31 09:24 |
| S29 | 1200 | ((first second) near (transmitter TX) and redundan\$4 | USPAT | OR | OFF | 2007/07/31 09:26 |
| S30 | 353 | S29 and "370".clas. | USPAT | OR | OFF | 2007/07/31 09:30 |
| S31 | 880 | S29 and switch\$3 | USPAT | OR | OFF | 2007/07/31 09:31 |

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| S32 | 757 | S31 and select\$4 | USPAT | OR | OFF | 2007/07/31 09:58 |
| S33 | 727 | S32 and (connect\$2 couple\$2 attach\$2) | USPAT | OR | OFF | 2007/07/31 09:33 |
| S34 | 247 | S33 and (data adj stream) | USPAT | OR | OFF | 2007/07/31 09:53 |
| S35 | 82588 | Selectively same (forward transmit\$2 transfer\$3) | USPAT | OR | OFF | 2007/07/31 10:00 |
| S36 | 2854 | S35 and (data adj stream) | USPAT | OR | OFF | 2007/07/31 09:55 |
| S37 | 2487 | S36 and prior\$4 | USPAT | OR | OFF | 2007/07/31 09:56 |
| S38 | 1089 | S37 and valid | USPAT | OR | OFF | 2007/07/31 09:57 |
| S39 | 292 | S38 and "370".clas. | USPAT | OR | OFF | 2007/07/31 09:57 |
| S40 | 4090 | (Selectively near3 data) same (forward transmit\$2 transfer \$3) | USPAT | OR | OFF | 2007/07/31 10:00 |
| S41 | 634 | S40 and "370".clas. | USPAT | OR | OFF | 2007/07/31 10:01 |
| S42 | 167 | S41 and redundancy | USPAT | OR | OFF | 2007/07/31 10:15 |
| S43 | 31 | S40 and mastership | USPAT | OR | OFF | 2007/07/31 10:15 |
| S44 | 11 | ((RONALD) near2 (BOGGS)). INV. | US-PGPUB; USPAT | OR | OFF | 2007/07/31 15:36 |
| S45 | 2 | ("20050232145").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/02 07:26 |
| S46 | 6 | ((("5038318") or ("6757777") or ("4812840") or ("EP545001")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/10 09:42 |
| S47 | 1 | ((BAHA) near2 (TANJU)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:02 |
| S48 | 1351610 | ((selector redundancy) adj device) switch | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:03 |
| S49 | 3 | ("4442502" "4484270" "5313386").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:03 |
| S50 | 10 | ("4038533" "4149235" "4180860" "4215398" "4228495" "4363090" "4517637" "4648062" "4751635" "4791556").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:04 |

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| S51 | 15 | ("3524935" "3644896" "3879579" "4013956" "4076961" "4254307" "4291200" "4314164" "4367374" "4379294" "4532377" "4535199" "4542380" "4596021").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:16 |
| S52 | 0 | S51 and stream and master and slave and redundancy | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:17 |
| S53 | 11 | S51 and device and select\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:19 |
| S54 | 10 | S53 and switch\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:18 |
| S55 | 2 | S46 and device and select\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:21 |
| S56 | 2 | S46 and select\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:21 |
| S57 | 3 | S46 and (stream signal) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:23 |
| S58 | 75198 | switching adj device | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:24 |
| S59 | 30217 | S58 same (first second) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:26 |
| S60 | 30865 | S58 same (first second third) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:26 |
| S61 | 26506 | S60 and (manager control) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:27 |
| S62 | 22191 | S61 and (data stream signal) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:27 |
| S63 | 14103 | S62 and prior\$5 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 10:30 |
| S64 | 0 | ("370.217").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/10 10:30 |
| S65 | 570 | (370/217).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/10 10:35 |
| S66 | 16 | S63 and S65 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 10:31 |
| S67 | 856 | ((370/250) or (370/244)). CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/10 10:35 |

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| S68 | 2 | ("0000340").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/10 10:36 |
| S69 | 265 | (340/3.43-3.44).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/10 10:42 |
| S70 | 113 | redundancy adj manager | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 10:42 |
| S71 | 83 | S70 and @ad<"20040415" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:09 |
| S72 | 10614 | (Data adj2 (stream packet)) near9 prior\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:09 |
| S73 | 466628 | redundan\$2 backup (back\$3 adj up) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:10 |
| S74 | 3448 | S72 and S73 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:10 |
| S75 | 84 | S72 with S73 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:11 |
| S76 | 229 | petroleum adj mining | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:11 |
| S77 | 0 | S75 and S76 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 12:11 |
| S78 | 8887 | ((710/316) or (370/229- 240)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 09:25 |

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|-----|-------|---|--|----|-----|---------------------|
| S79 | 78381 | ((370/254-258) or (370/251-430)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 09:03 |
| S80 | 33313 | ((340/825-825.98) or (709/213)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 09:03 |
| S81 | 1 | S78 and ((master main original primary) same (slave secondary) same ((redundancy repetition control) adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:24 |
| S82 | 0 | S79 and ((master main original primary) same (slave secondary) same ((redundancy repetition control) adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:26 |
| S83 | 0 | S80 and ((master main original primary) same (slave secondary) same ((redundancy repetition control) adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:39 |
| S84 | 8061 | (370/229-240).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 09:26 |
| S85 | 81548 | ((370/229-240) or (370/254-258) or (370/251-430)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 09:26 |
| S86 | 1 | S85 and ((master main original primary) same (slave secondary) same ((redundancy repetition control) adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:26 |
| S87 | 2 | ("20050232145").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/09/17 09:26 |
| S88 | 1 | S80 and ((redundancy adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:40 |
| S89 | 2 | S78 and ((redundancy adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:43 |

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| S90 | 18 | S79 and ((redundancy adj manager)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:40 |
| S91 | 184 | (Hot adj swap) and (action and standby) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:45 |
| S92 | 0 | (Hot adj swap) and (action and standby) with (redundancy adj manager) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:44 |
| S93 | 25 | (Hot adj swap) and (action and standby) and (redundancy adj manager) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:50 |
| S94 | 113 | (redundancy adj manager) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:56 |
| S95 | 95 | S94 and (second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:53 |
| S96 | 89 | S94 and (first same second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:53 |
| S97 | 129637 | (redundancy) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:56 |
| S98 | 71628 | S97 and devices | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:58 |
| S99 | 8614 | S98 and "370".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:58 |
| S100 | 2835 | S99 and data adj stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:58 |

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|------|-------|--|--|----|----|---------------------|
| S101 | 11689 | S97 same devices | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:58 |
| S102 | 1215 | S101 and "370".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:58 |
| S103 | 327 | S102 and data adj stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:58 |
| S104 | 327 | S103 and devices | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 09:59 |
| S105 | 326 | S103 not S95 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:02 |
| S106 | 326 | S103 not S94 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:01 |
| S107 | 327 | S103 not S90 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:01 |
| S108 | 326 | S105 and devices | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:02 |
| S109 | 72 | S108 and (manager contorller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:04 |
| S110 | 47492 | (first sdj device) same (second adj device) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:05 |
| S111 | 2156 | (first sdj device) same (second adj device) same (manager controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:09 |

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|------|--------|---|--|----|----|---------------------|
| S112 | 257035 | (first) same (second) same (manager controller) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:10 |
| S113 | 200 | S111 and "370".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 10:10 |
| S114 | 0 | ("2005/0232145").URPN. | USPAT | OR | ON | 2007/09/17 11:04 |
| S115 | 13681 | S112 and selector | USPAT | OR | ON | 2007/09/17 11:11 |
| S116 | 53 | redundancy adj manager | USPAT | OR | ON | 2007/09/17 11:22 |
| S117 | 6366 | (redundancy redundant repetitiousness redundance repetition) with (manager controller) | USPAT | OR | ON | 2007/09/17 12:09 |
| S118 | 5673 | S117 and (data) | USPAT | OR | ON | 2007/09/17 11:25 |
| S119 | 842 | S117 and (data adj stream) | USPAT | OR | ON | 2007/09/17 11:25 |
| S120 | 4005 | S117 and (select selective selecting) | USPAT | OR | ON | 2007/09/17 11:26 |
| S121 | 1409 | S120 and priorit\$5 | USPAT | OR | ON | 2007/09/17 11:27 |
| S122 | 1315 | S121 and (first same second) | USPAT | OR | ON | 2007/09/17 11:29 |
| S123 | 406 | S122 and ("370".clas. "709". clas.) | USPAT | OR | ON | 2007/09/17 12:10 |
| S124 | 269 | S122 and ("370".clas.) | USPAT | OR | ON | 2007/09/17 12:07 |
| S125 | 166 | S122 and ("709".clas.) | USPAT | OR | ON | 2007/09/17 12:07 |
| S126 | 515 | (redundancy redundant repetitiousness redundance repetition) adj (manager controller) | USPAT | OR | ON | 2007/09/17 12:09 |
| S127 | 119 | S126 and ("370".clas. "709". clas.) | USPAT | OR | ON | 2007/09/17 12:45 |
| S128 | 841 | (redundant redundancy) adj (manager controller processor) | USPAT | OR | ON | 2007/09/17 12:47 |
| S129 | 192 | S128 and ("370".clas. "709". clas.) | USPAT | OR | ON | 2007/09/17 12:47 |
| S130 | 76 | S129 not S127 | USPAT | OR | ON | 2007/09/17 13:28 |
| S131 | 0 | (First adj master) same (Second adj master) same salve same contorller | USPAT | OR | ON | 2007/09/17 13:28 |

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| S132 | 0 | (First) same (Second) same salve same contorller | USPAT | OR | ON | 2007/09/17 13:29 |
| S133 | 0 | (First) same (Second) same slave same contorller | USPAT | OR | ON | 2007/09/17 13:29 |
| S134 | 1 | (First) same (Second) same contorller | USPAT | OR | ON | 2007/09/17 13:29 |
| S135 | 110534 | (First) same (Second) same controller | USPAT | OR | ON | 2007/09/17 13:29 |
| S136 | 1152 | (First) same (Second) same slave same controller | USPAT | OR | ON | 2007/09/17 13:29 |
| S137 | 57 | (First adj master) same (Second) same slave same controller | USPAT | OR | ON | 2007/09/17 13:29 |
| S138 | 14 | (First adj master) same (Second adj master) same slave same controller | USPAT | OR | ON | 2007/09/17 13:32 |
| S139 | 43 | (First adj master) same (Second adj master) with controller | USPAT | OR | ON | 2007/09/17 13:32 |
| S140 | 38 | S139 not S138 | USPAT | OR | ON | 2007/09/17 13:34 |
| S141 | 4 | S140 and redun\$4 | USPAT | OR | ON | 2007/09/17 13:35 |
| S142 | 61 | S78 and S79 and S80 | USPAT | OR | ON | 2007/09/17 13:35 |
| S143 | 3469 | (Redundancy redundant backup) adj (manager controller processor logic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 15:34 |
| S144 | 514 | S143 and ("370".clas. "709". clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:55 |
| S145 | 305 | S143 and ("370".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:55 |
| S146 | 237 | S143 and ("709".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:48 |
| S147 | 0 | S144 not S143 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:55 |

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| S148 | 2955 | S143 not S144 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:55 |
| S149 | 459 | S143 and master and slave | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:55 |
| S150 | 138 | S149 and ("370".clas. "709". clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 13:56 |
| S151 | 500 | ((Redundancy redundant backup) adj (manager controller processor logic)) same select\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 15:39 |
| S152 | 8 | ((Redundancy redundant backup) adj (manager controller processor logic)) same select\$3 same forward | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 15:41 |
| S153 | 197 | ((Redundancy redundant backup) adj (manager controller processor logic)) same select\$3 same data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/17 15:45 |
| S154 | 2 | ("20050232145").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/13 08:53 |
| S155 | 1 | (redundancy backup (back adj up) back-up redundant) with (data signal datagram stream information) with selectiv\$3 with prioritiz\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:07 |
| S156 | 3 | (redundancy backup (back adj up) back-up redundant) with selectiv\$3 with prioritiz \$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:08 |
| S157 | 5668 | (redundancy backup (back adj up) back-up redundant) with selectiv\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:09 |
| S158 | 317 | (redundancy backup (back adj up) back-up redundant) with selectiv\$3 same prior\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:09 |

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| S159 | 317 | (redundancy backup (back adj up) back-up redundant) with selectiv\$3 same prior\$8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:10 |
| S160 | 318 | (redundancy backup (back adj up) back-up redundant) with selectiv\$3 same prior\$9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:10 |
| S161 | 28 | ((redundancy backup (back adj up) back-up redundant) with selectiv\$3 same prior\$9) and (master main original) and (slave follower) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:19 |
| S162 | 290 | S160 not S161 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:21 |
| S163 | 258 | S162 and (first and second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:22 |
| S164 | 249 | S162 and (first same second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:22 |
| S165 | 0 | S162 and (first same second) with prioritization | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:23 |
| S166 | 42 | S162 and (first same second) with prior\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:23 |
| S167 | 207 | S164 not S166 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:25 |
| S168 | 116 | redundancy adj manager | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 09:26 |
| S169 | 1 | ((BAHA) near2 (TANJU)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/13 09:37 |

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| S170 | 2 | ("6757777").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/13 10:39 |
| S171 | 4499 | redundancy same simultaneously | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 11:51 |
| S172 | 52 | (redundancy same simultaneously) with prior\$8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 11:53 |
| S173 | 135 | ((redundancy backup (back adj up) back-up) same (simultaneously concurrently)) with prior\$8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 12:00 |
| S174 | 10931 | ((redundancy backup (back adj up) back-up) with prior \$8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/13 12:36 |
| S175 | 2 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/13 17:35 |
| S177 | 50 | ((("20010049801") or ("20020065962") or ("20030154285") or ("20040098547") or ("20050232145") or ("20070143359") or ("20070143557") or ("4584685") or ("4780869") or ("4988989") or ("5005122") or ("5053999") or ("5202822") or ("5276440") or ("5446698") or ("5451951") or ("5455959") or ("5565908") or ("5668818") or ("5732268") or ("5752075") or ("5832486") or ("5835481") or ("5894461") or ("5909544") or ("5930823") or ("5952733") or ("5968149") or ("6018790") or ("6047294") or ("6049861") or ("6137591") or ("6141773") or ("6269381") or ("6304576") or ("6332198") or ("6366986") or ("6374266") or ("6385706") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2007/11/14 08:26 |

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| | | or ("6397308") or ("6438562") or ("6704812") or ("6983362") or ("7039046") or ("7043580") or ("7149923") or ("7155638") or ("7178057") or ("7181642") or ("7246255").PN. | | | | |
| S178 | 46 | S177 and (redundancy redundant backup back-up (back adj up)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 08:27 |
| S179 | 1 | S177 and (redundancy redundant backup back-up (back adj up)) and subsea | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 08:27 |
| S180 | 562 | (subsea sub-sea undersea (under adj sea) under-sea) with data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 09:20 |
| S181 | 32 | (subsea sub-sea undersea (under adj sea) under-sea) with redundancy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 09:21 |
| S182 | 2 | "20050232145" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:29 |
| S183 | 4 | ((("6757777") or ("4812840")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/14 16:38 |
| S184 | 1 | S183 and command | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:39 |
| S185 | 0 | 0545001a2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:53 |
| S186 | 7 | "0545001" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:53 |

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| S187 | 1 | "21328891" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:54 |
| S188 | 0 | ep0545001a2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:54 |
| S189 | 0 | ep0545001 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 16:54 |
| S190 | 7 | "0545001" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 17:03 |
| S191 | 0 | "92114391" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/14 17:03 |
| S192 | 2 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/15 08:45 |
| S193 | 0 | S192 and (from near5 (ATM user device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:08 |
| S194 | 0 | S192 and (from with (ATM user device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:08 |
| S195 | 2 | S192 and ((ATM user device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:08 |
| S196 | 70149 | switching with ((one first) and (two second) and (three third)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:30 |
| S197 | 538 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:32 |

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| S198 | 402 | S197 and @ad<"20040415" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:34 |
| S199 | 0 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant) same (threshold with time) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:36 |
| S200 | 8 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant) same (threshold) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:37 |
| S201 | 20 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant) same (threshold limit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:38 |
| S202 | 12 | S201 not S200 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:38 |
| S203 | 73 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant)same time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:40 |
| S204 | 25996303 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant)same time @ad<"20040415" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:40 |
| S205 | 45 | switching with ((one first) and (two second) and (three third)) same (redundancy backup (back adj up) back-up redundant)same time and @ad<"20040415" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:41 |
| S206 | 9 | (redundancy adj manager).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:46 |
| S207 | 27 | (redundancy adj manager).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 10:57 |

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| S208 | 37 | ((back-up backup (back adj up))adj manager).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 11:00 |
| S209 | 18370 | (redundancy redundant).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 11:02 |
| S210 | 130 | (redundancy redundant).ti. with master | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 11:02 |
| S211 | 49 | (redundancy redundant).ti. with master with slave | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 11:02 |
| S212 | 2 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/15 15:38 |
| S213 | 0 | S212 and time with (limit threshold set) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 15:39 |
| S214 | 0 | S212 and time with (limit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 15:39 |
| S215 | 1 | S212 and time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 15:39 |
| S216 | 2 | ("6757777").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/15 15:53 |
| S217 | 0 | S216 and threshold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 15:53 |
| S218 | 0 | S216 and time and range | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 15:55 |

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| S219 | 0 | S216 and range | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:02 |
| S220 | 68528 | (redundancy redundant backup back-up (back adj up)) and (first with (come received get got receipt)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:12 |
| S221 | 2841 | (redundancy redundant backup back-up (back adj up)) and (first with (come received get got receipt)) with (threshold limit range) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:13 |
| S222 | 1089 | (redundancy redundant backup back-up (back adj up)) and (first with (come received get got receipt)) with (threshold limit range) and priorit\$8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:21 |
| S223 | 131 | (redundancy redundant backup back-up (back adj up)) and (first with (come received get got receipt)) with (threshold limit range) and priorit\$8 and master and slave | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:22 |
| S224 | 2 | ("7167442").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/11/15 16:29 |
| S225 | 1 | S224 and threshold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:30 |
| S226 | 0 | S224 and threshold with align | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:30 |
| S227 | 1 | S224 and align | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:31 |
| S228 | 0 | S224 and (limit range) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:34 |

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| S229 | 1 | S224 and (time) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:34 |
| S230 | 150685 | threshold with time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:36 |
| S231 | 2082 | threshold with time with passed | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:39 |
| S232 | 19 | threshold with time with passed with stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:39 |
| S233 | 28 | threshold with time with switch\$3 with back with forth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:41 |
| S234 | 5 | threshold with time with switch\$3 with back with forth and stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:41 |
| S235 | 0 | (time adj threshold) with switch\$3 with back with forth and stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:42 |
| S236 | 5 | (time adj threshold) with between with stream | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 16:43 |
| S237 | 1 | S212 AND (TIME SAME SWITCH\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:06 |
| S238 | 2329 | alternat\$3 with threshold with time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:10 |
| S239 | 6 | prevent near5 alternat\$3 with threshold with time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:16 |

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| S240 | 1 | S216 and switch\$3 with time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:26 |
| S241 | 1 | S216 and switch\$3 same time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:26 |
| S242 | 1 | forwarding with data with stream with threshold with time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:34 |
| S243 | 46 | forward\$3 with data with (stream) with (threshold limit range period) with time | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/15 17:36 |
| S244 | 15 | ("3524935" "3644896" "3879579" "4013956" "4076961" "4254307" "4291200" "4314164" "4367374" "4379294" "4532377" "4535199" "4542380" "4596021").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/16 14:25 |
| S245 | 2 | ("4812840").URPN. | USPAT | OR | ON | 2007/11/16 14:26 |
| S246 | 1 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/06/20 11:45 |
| S247 | 1 | S246 and (stream data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 11:55 |
| S248 | 1 | S246 and (stream data message signal frame cell datagram) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 11:56 |
| S249 | 1 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/06/20 15:12 |
| S250 | 0 | S249 and manual with user | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:12 |

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| S251 | 1 | S249 and manual\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:12 |
| S252 | 1 | S249 and manual\$3 and ATM | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:13 |
| S253 | 0 | S249 and manual\$3 with ATM with data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:17 |
| S254 | 0 | S249 and manual\$3 with ATM with signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:17 |
| S255 | 0 | S249 and manual\$3 with ATM and signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:18 |
| S256 | 1 | S249 and manual\$3 and ATM and signal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:18 |
| S257 | 1 | S249 and manual\$3 and ATM and (signal data) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:18 |
| S258 | 0 | S249 and manual\$3 with thrid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/20 15:29 |
| S259 | 1 | ("4812840").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/10/14 12:40 |
| S260 | 1 | S259 and (cylc\$4 periodic\$3 period time\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/14 12:41 |
| S261 | 4596 | (redundancy selection) with (manager processor controller) with (stream voice video) with select\$4 | US-PGPUB; USPAT | OR | OFF | 2008/12/12 09:56 |

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| S262 | 36 | (redundancy) with (manager processor controller) with (stream voice video) with select\$4 | US-PGPUB; USPAT | OR | OFF | 2008/12/12 09:58 |
| S263 | 4725433 | @ad<="20040415" | US-PGPUB; USPAT | OR | OFF | 2008/12/12 09:58 |
| S264 | 29 | S262 and S263 | US-PGPUB; USPAT | OR | OFF | 2008/12/12 09:58 |
| S265 | 0 | ((redundancy selection) adj (manager processor controller)) with (stream voice video) with select\$4 with (master and slave) | US-PGPUB; USPAT | OR | OFF | 2008/12/12 10:01 |
| S266 | 1 | ((redundancy selection) adj (manager processor controller)) with (stream voice video) with select\$4 with (master) | US-PGPUB; USPAT | OR | OFF | 2008/12/12 10:02 |
| S267 | 237 | ((redundancy selection) adj (manager processor controller)) with (stream voice video) with select\$4 | US-PGPUB; USPAT | OR | OFF | 2008/12/12 10:02 |
| S268 | 180 | S267 and S263 | US-PGPUB; USPAT | OR | OFF | 2008/12/12 10:02 |
| S269 | 2 | (("4812840") or ("6757777")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/12 10:14 |
| S270 | 1 | S269 and \$stream with master | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:03 |
| S271 | 0 | (709/208+ ,238+).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/12 11:10 |
| S272 | 50874 | (709/208-238).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/12 11:10 |
| S273 | 0 | (709/208+).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/12 11:52 |
| S274 | 576 | (master with switch) and ("709".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:53 |
| S275 | 462 | S274 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:53 |

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| S276 | 36816 | (selector switch) with master | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:59 |
| S277 | 5227 | (selector switch) with master with first | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:59 |
| S278 | 2873 | (selector switch) with master with first with second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:59 |
| S279 | 769 | (selector switch) with master with first with second with (select\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:00 |
| S280 | 907 | (selector switch) with master with first with second with (select\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:00 |
| S281 | 30 | (selector switch) with master with first with second with (select\$5) with (stream voip voice video) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:01 |
| S282 | 11 | S281 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:01 |
| S283 | 1 | ("5038318").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/12 12:05 |
| S284 | 5553 | first adj master | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:11 |
| S285 | 2116 | (first adj master) same (second adj master) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:11 |
| S286 | 622 | (first adj master) same (second adj master) same slave | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:11 |

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| S287 | 386 | S286 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:11 |
| S288 | 1751 | (first adj master) with (second adj master) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:12 |
| S289 | 170 | ((first adj master) with (second adj master)) and ("709".clas. "370".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:13 |
| S290 | 125 | S289 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:13 |
| S291 | 4331 | ((master) with (select\$5 redundancy redundant)) and ("709".clas. "370".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:18 |
| S292 | 1381 | ((master) with (select\$5 redundancy redundant) with slave) and ("709".clas. "370". clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:19 |
| S293 | 1031 | S292 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:19 |
| S294 | 1295 | (709/208,244).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/12 12:32 |
| S295 | 1210 | selector with (data adj stream) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:25 |
| S296 | 162 | selector with ((data adj stream) with generat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:27 |
| S297 | 118 | S296 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:28 |

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| S298 | 131 | selector with (data adj stream) with second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:30 |
| S299 | 99 | S298 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:30 |
| S300 | 43 | selector with (data adj stream) with timing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:31 |
| S301 | 31 | S300 and S263 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:31 |
| S302 | 106298 | (selector switch) with ((data adj stream) VOIP voice video) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:35 |
| S303 | 7470 | (selector switch) with ((data adj stream) VOIP voice video) with first with second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:36 |
| S304 | 13 | rivas.xa. and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 13:44 |
| S305 | 5 | ("20010055273" "6327243" "6418144" "6529473" "6747974").PN. OR ("7382720").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 13:48 |
| S306 | 75957 | (primary with secondary) same select\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:02 |
| S307 | 7662 | ((primary with secondary) with (device apparatus) same select\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:03 |
| S308 | 199 | S307 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:03 |
| S309 | 116 | S308 and S263 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:04 |
| S310 | 1648 | select\$5 with (first near device) with tim\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:42 |
| S311 | 422 | select\$5 with (first near device) with tim\$3 with (data "data stream" information) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:43 |

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|------|----------|--|--|----|-----|---------------------|
| S312 | 232 | S311 and S263 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:44 |
| S313 | 0 | select\$5 with (selectivly near2 forward) with tim\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:49 |
| S314 | 1 | selector with (selectively near2 forward) with tim\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:50 |
| S315 | 144 | selector with (data adj stream) with tim\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:50 |
| S316 | 124 | S315 and S263 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 14:51 |
| S317 | 1 | 10/825337 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/12 15:17 |
| S318 | 5 | assert with (health adj signal) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/12/17 14:16 |
| S319 | 4726000 | @ad<="20040415" | US-PGPUB; USPAT | OR | OFF | 2008/12/17 14:17 |
| S320 | 28403697 | @ad<="20040415" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:17 |
| S321 | 5 | assert with (health adj signal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:17 |
| S322 | 5 | S320 and S321 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:17 |
| S323 | 14 | (health adj signal) with first with second | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:19 |
| S324 | 13 | S320 and S323 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:19 |
| S325 | 3 | (health adj signal) with data with first | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:36 |
| S326 | 4 | (health adj signal) with primary | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:40 |

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| S327 | 666 | secondary with invalid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:40 |
| S328 | 8 | (health adj2 signal) with primary | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:40 |
| S330 | 10 | (health\$2 adj2 signal) with primary | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:40 |
| S332 | 63 | (health\$2 adj2 signal) with (primary first main original) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:41 |
| S333 | 0 | S327 and S332 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:41 |
| S334 | 53 | S332 and S320 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:41 |
| S335 | 4 | (health adj signal) with ((load adj balanc\$3) redundan\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:53 |
| S336 | 35373 | (first primary) with ((load adj balanc\$3) redundan\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:55 |
| S337 | 23741 | S336 and S320 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:55 |
| S338 | 17884 | (first primary) with (secondary second) with ((load adj balanc\$3) redundan\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:56 |
| S339 | 2760 | (switch adj back) with (primary first) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:58 |

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| S340 | 1850 | S339 and S320 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 14:59 |
| S341 | 301 | S339 and S320 and ((load adj balanc\$3) redundan\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 15:00 |
| S342 | 1 | ("6910078").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/17 16:05 |
| S343 | 1 | S342 and "112" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 16:05 |
| S344 | 1 | S342 and (processor (failover adj manager adj application)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/17 16:08 |
| S345 | 1 | ("6910078").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/12/18 10:09 |
| S346 | 1 | S345 and user | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:10 |
| S347 | 1 | S345 and monitor\$3 with server | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:37 |
| S348 | 7271 | simultaneously adj monitor\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:40 |
| S349 | 234 | (simultaneously adj monitor \$3) with (first and second) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:41 |
| S350 | 28403717 | @ad<="20040415" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:41 |

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| S351 | 178 | S349 and S350 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:45 |
| S352 | 16 | (master primary) near2 (simultaneously adj monitor \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:48 |
| S353 | 11 | S352 and S350 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:48 |
| S354 | 401 | (two both) near2 (simultaneously adj monitor \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:50 |
| S355 | 319 | S354 and S350 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:50 |
| S356 | 96 | (two both) adj3 (simultaneously adj monitor \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:54 |
| S357 | 68 | S356 and S350 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/18 10:54 |

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